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Issue Date: 12/20/04

Group ID: A
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Page 1
KS: 2,291

Warning [Pages Of US References:]

page 7 has no references

Warning [Pages Of Foreign References:]

page 1 has no references

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Warning [Pages Of Other References:]

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CHECK LIST

Rule 47 Continuing Data PCT Disclaimer

NO NO NO NO

Microfiche Appendix CPA tag

NO NO

Foreign Priority Claimed: No

Acknowledged: No

State Code: CA Country Code:

Text Endorsement: 09504968.021500

JACKET

<u>SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>GAU</u>
09/504,968	02/15/00	705	57	3621

FOREIGN PRIORITY

Country Document Number Date

DISCLAIMER

/ /

TITLE

Method and apparatus for implementing revocation in broadcast networks

MICROFICHE APPENDIX

ASSISTANT EXAMINER:

First: Middle: Last:

Firmin Backer

PRIMARY EXAMINER:

First: Middle: Last:

James P. Trammell

CLAIMS ALLOWED

Total Print

35 3

DRAWINGS

Sheets Figures Print

4 4 Y

BLUE SLIP INFORMATION

SERIAL NUMBER CLASS SUBCLASS GAU

09/504,968 705 57 3621

INDEP. CLAIMS

TOTAL CLAIMS

1,3,16,21,27 35

BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION

Class SubClass

G06F 17/60

H04K 1/00

H04L 9/00

CROSS-REFERENCES

Class SubClass

705 58;56

713 158

TERM EXTENSION

0

FIELD OF SEARCH

Class SubClass

705 58,57,51

713 158,155

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OATH

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Brant	L.	Candelore	Yes
<u>City:</u>	Escondido		
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INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Mark		Eyer	Yes
<u>City:</u>	San Diego		
<u>State:</u> CA	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

PCT INFO

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CONTINUING DATA (Page 1)

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FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
4,785,361	11/1988	Brotby	705	58

FOREIGN REFERENCES

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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
*6,192,131	02/2001	Geer et al.	380	247
No issue date available.				
*6,272,538	08/2001	Holden et al.	709	223
No issue date available.				
*6,134,551	10/2000	Aucsmith	707	10
No issue date available.				
*6,256,747	07/2001	Inohara et al.	709	201
No issue date available.				
*6,230,194	05/2001	Frailong et al.	709	220
No issue date available.				
*6,189,096	02/2001	Haverty	713	155
No issue date available.				
*6,230,266	05/2001	Perlman et al.	713	156
No issue date available.				

FOREIGN REFERENCES

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*6,233,577	05/2001	Ramasubramani et al.	707	9
No issue date available.				
*6,442,689	08/2002	Kocher	713	158
No issue date available.				
*6,247,127	06/2001	Vandergeest	713	100

No issue date available.

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
WO 01/11819 A1	02/2001	WOX	H04L	9/32
WO 00/51039 A1	08/2000	WOX	G06F	17/60
2328645	07/2001	CAX		

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

Moni Naor, Kobbi Nissim, Certificate Revocation and Certificate update, Apr. 2000, IEEE Journal on Selected Areas in Communications, IEEE, vol. 18, No. 4, pp. 561-570.

Joon S. Park, Ravi Sandhu, Biding identities and Attributes using Digitacilly Signed Certificates, 2000 IEEE.

Peter Pizza, E-Signed, Sealed, and Delivered, Apr. 2001, Security Management, vol. 45, No. 4, pp. 72-77.

Shavik Kirstnamurthy, Securant Technologies Delivers Broad PKI Integration to Enable standars Based security, Oct. 4, 1999, Business Wires.

=====

REFERENCES (Page 4) SERIAL NUMBER: 09/504,968
FORM 1449

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
5,949,877	09/1999	Traw et al.	380	4
*6,069,647	05/2000	Sullivan et al.	348	5.5
No issue date available.				
*6,226,618	05/2001	Downs et al.	705	1
No issue date available.				

FOREIGN REFERENCES

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REFERENCES (Page 5) SERIAL NUMBER: 09/504,968

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U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
5,138,659	08/1992	Kelkar et al.		
5,144,662	09/1992	Welmer		
5,485,577	01/1996	Eyer et al.		
5,473,692	12/1995	Davis		
5,539,828	07/1996	Davis		

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

=====

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U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
5,568,552	10/1996	Davis		
5,574,787	11/1996	Ryan		
5,615,265	03/1997	Coutrot		
5,652,795	07/1997	Dillon et al.		
5,666,293	09/1997	Metz et al.		
5,732,346	03/1998	Lazaridis et al.		
5,757,909	05/1998	Park		

5,768,539 06/1998 Metz et al/
5,796,829 08/1998 Newby et al/
5,796,849 08/1998 Davis/
5,802,176 09/1998 Audebert/
5,805,712 09/1998 Davis/
5,850,218 12/1998 LaJoie et al/
5,949,881 09/1999 Davis/

*6,021,201 02/2000 Bakhle et al/
No issue date available.

*6,028,932 02/2000 Park/
No issue date available.

*6,061,451 05/2000 Muratani et al/
No issue date available.

*6,088,450 07/2000 Davis et al/
No issue date available.

*6,105,134 08/2000 Pinder et al/
No issue date available.

*6,154,206 11/2000 Ludtke/
No issue date available.

*6,157,719 12/2000 Wasilewski et al/
No issue date available.

*6,185,546 02/2001 Davis
No issue date available.

*6,199,053 03/2001 Herbert et al/
No issue date available.

*6,209,098 03/2001 Davis/
No issue date available.

*6,263,506 07/2001 Ezaki et al/
No issue date available.

*6,266,416 07/2001 Sigbj~~o~~ slashed. rnsen et al.
No issue date available.

*6,266,480 07/2001 Ezaki et al/

10/01
10/01

←

No issue date available.

*6,292,892 09/2001 Davis/
No issue date available.

*6,351,538 02/2002 UZ
No issue date available. Davis A

*6,398,533 06/2002 Hanya et al.
No issue date available.

*6,389,537 05/2002 Davis et al.
No issue date available.

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

=====

REFERENCES (Page 7) SERIAL NUMBER: 09/504,968

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Rule 47 Continuing Data PCT Disclaimer

No / No / No / No /

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Acknowledged: No /

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PRIMARY EXAMINER:

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James/ P./ Trammell/

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1,3,16,21,27, 35 /

BLUE SLIP (Page 1)

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G06F, 17/60 /

H04K / 1/00 /

H04L / 9/00

CROSS-REFERENCES

Class SubClass

705 / 58;56 /

713 / 158 /

TERM EXTENSION

0 /

FIELD OF SEARCH

Class SubClass

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713, 158;155/

OATH

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Brant,	L./	Candelore,	Yes /
<u>City:</u>	Escondido		
<u>State:</u> CA	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

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Mark		Eyer	Yes /
<u>City:</u>	San Diego,		
<u>State:</u> CA	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

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*6,192,131	'02/2001	Geer, Jr. et al.	380/	247/
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No issue date available.				
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No issue date available.				
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No issue date available.				
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FOREIGN REFERENCES

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WO 00/51039 A1	08/2000	WOX	G06F	17/60
2328645	07/2001	CAX		

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FORM 1449

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REFERENCES (Page 6) SERIAL NUMBER: 09/504,968

FORM 1449

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